

## ABSTRACT

A method for processing a sound signal is proposed, which is applied to a signal processing system including a signal receiving device, a signal recognizing device and a signal processing device. The signal recognizing device is used to distinguish the sound signal received from the signal receiving device into a sound source signal and background interference, so as to eliminate the background interference and transfer the sound source signal to the signal processing device. In this case, the signal processing device merely processes and amplifies the sound source signal, and thus no filtering circuit is required for the elimination of the background interference.

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